

Title (en)

LIGHTWEIGHT NONWOVEN FIBER MATS

Title (de)

LEICHTE VLIESFASERMATTEN

Title (fr)

MATS DE FIBRES NON TISSÉS LÉGERS

Publication

EP 3987602 A4 20230628 (EN)

Application

EP 20826497 A 20200618

Priority

- US 201962864244 P 20190620
- US 2020038540 W 20200618

Abstract (en)

[origin: WO2020257526A1] Nonwoven fiber mats include primarily B-glass fibers, and have a thickness of about 10 to about 700 microns and a basis weight of about 1 to 70 g/m². The mats are generally thermally stable at temperatures of up to 650°C, and are suitable for use as battery separators.

IPC 8 full level

H01M 10/06 (2006.01); **C08J 5/04** (2006.01); **C08J 5/24** (2006.01); **D04H 1/4218** (2012.01); **D04H 1/645** (2012.01); **D04H 1/732** (2012.01); **H01M 10/16** (2006.01)

CPC (source: EP KR US)

D04H 1/4218 (2013.01 - EP); **D04H 1/645** (2013.01 - EP); **D04H 1/732** (2013.01 - EP); **H01M 10/052** (2013.01 - EP KR US); **H01M 10/058** (2013.01 - KR); **H01M 50/403** (2021.01 - US); **H01M 50/414** (2021.01 - EP KR); **H01M 50/42** (2021.01 - US); **H01M 50/4295** (2021.01 - EP KR US); **H01M 50/437** (2021.01 - US); **H01M 50/44** (2021.01 - EP KR US); **H01M 50/446** (2021.01 - KR); **H01M 2220/30** (2013.01 - EP KR); **Y02E 60/10** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP KR)

Citation (search report)

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- [XYI] JP 2011134930 A 20110707 - MITSUBISHI PAPER MILLS LTD
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- See also references of WO 2020257526A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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